

Detailed Claim Listing

The following is a detailed listing of all claims that are, or were, pending in the present application. Please amend claim 7, withdraw claims 3-6 and 8, and add claim 11, as set forth in this detailed listing.

1.(Original) An isolated polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3.

2.(Original) The polypeptide of Claim 1 wherein the sequence of the polypeptide is SEQ ID NOs: 2 or 3.

3.(Withdrawn) An isolated polynucleotide comprising a nucleotide sequence sharing at least 70% homology to a nucleotide sequence selected from the group consisting of:

- (a) a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3;
- (b) the polynucleotide complementary to nucleotide sequence of (a).

4.(Withdrawn) The polynucleotide of Claim 3 which encodes a polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3.

5.(Withdrawn) A vector containing the polynucleotide of Claim 3.

6.(Withdrawn) A genetically engineered host cell comprising the vector of Claim 5.

7.(Currently Amended) A method for producing a polypeptide having the activity of Bin1b protein and comprising the amino acid sequence of SEQ ID NOs: 2 or 3, which comprises:

- (a) culturing ~~the~~ a host cell comprising a vector of Claim 6 under the expression conditions, said vector containing a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NOs: 2 or 3;
- (b) isolating the polypeptides having the activity of Bin1b protein from the culture.

8.(Withdrawn) An antibody specifically bound with the Bin1b polypeptide of Claim 1.

9. (Original) A pharmaceutical composition comprising a safe and efficient amount of the polypeptide of Claim 1 and a pharmaceutically acceptable carrier.

10.(Original) A microbicide comprising an antimicrobially efficient amount of polypeptide of Claim 1.

11.(New) The polypeptide of Claim 1 which is encoded by a polynucleotide selected from the group consisting of (a) 57-260 of SEQ ID NO:1; (b) 105-260 of SEQ ID NO:1; and (c) 1-336 of SEQ ID NO:1.